

N333HE PERFORMANCE CHECKLIST

V SPEEDS

Vso	77mph/ 67kts
Vs1	88mph/ 76kts
Vmc	93mph/ 81kts
Vr	100mph/ 87kts
Vx	97mph/ 84kts
Vy	119mph/ 103kts
Vxse	107mph/ 93kts
Vyse	115mph/ 100kts
Normal Climb	160mph/ 139kts
Va	180mph/ 156kts
Vfe 15°	175mph/ 152kts
Vfe 30°	140mph/ 122kts
Vle	175mph/ 152kts
Vlo	175mph/ 152kts
Vne	257mph/ 223kts
Vg Zero Engines	123mph/ 107kts
Max Demo X-Wind	22kts

AIRCRAFT INFO

Total Fuel	172 GAL
Useable Fuel	162 GAL
Tire Pressure	
NOSE	45 PSI
MAIN GEAR	38 PSI
Max Oil	12 QTS
Min Oil	9 QTS
Max Gross Takeoff Weight	5300 LBS
Max Baggage Nose	300 LBS
Extended Rear	120 LBS
Aft Cabin (No 3 row seats)	400 LBS
Load Factor Flaps Up	+4.2
Load Factor Flaps Down	+2.0
Set Simulated Zero Thrust	12 M.P.

ATC LIGHT SIGNALS

	GROUND	FLIGHT
Steady Green	Clear to T/O	Clear to Land
Flashing Green	Clear to Taxi	Return to Land
Steady Red	STOP	Give Way
Flashing Red	Taxi Clr. Rwy	Airport Unsafe
Flashing White	Return to Start	N/A
Alt. Red/Green	Caution	Caution



FLIGHT SCHOOL

of

Greenville

CABIN HEATER OPERATION

Turning on heater...

Three-position switch HEATER
Cabin Air T handle FULL FORWARD
Cabin Heat Ctrl PULL INCREASE

Windshield defrosting...

Three-position switch HEATER
Cabin Air Ctrl FULL FORWARD
Cabin Heat Ctrl FULL OUT
Defrost Ctrl FULL FORWARD

*Note: more air available for defrost if pilot/co-pilot air control reduced

To direct heat onto feet...

Pilot Air Ctrl FULL OUT

Heat temperature...

Cabin Heat Ctrl PULL INCREASE
Cabin Air Ctrl PULL INCREASE

*Note: if pulled > half out, heater stops

Heater Blower...

Landing Gear EXTENDED
Three-position switch HEATER
Cabin Air Ctrl FULL FORWARD
Cabin Heat Ctrl PULL INCREASE

*Note: blower will stop if gear is retracted or Cabin Air Ctrl is pulled > half out

PERFORMANCE CHARTS

75% Power (Standard Day)

ALT	RPM	M.P.	G/HR/E	TAS KTS
2000	25	23.8	15.4	220
4000	25	23.5	15.4	224
6000	25	23.0	15.4	228
8000	25	21.7	14.5	228
10000	25	20.0	13.6	225

65% Power (Standard Day)

ALT	RPM	M.P.	G/HR/E	TAS KTS
2000	23	23.5	13.3	181
4000	23	23.1	13.3	183
6000	23	22.7	13.3	187
8000	23	22.4	13.3	189
10000	23	20.4	13.3	194

55% Power (Standard Day)

ALT	RPM	M.P.	G/HR/E	TAS KTS
2000	21	23.1	15.4	167
4000	21	22.6	15.4	170
6000	21	22.2	15.4	173
8000	21	21.6	14.5	175
10000	21	20.0	13.6	178